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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION

SAVINGS BLDG.
HELENA, MONTANA

Vol. IX., No. 6. THURBER'S HELENA JUNE, 1961.

Production of crude oil and condensate from the oil and gas areas of Montana for the Month of June, 1961, averaged 82,726 barrels daily, a decrease of 1,031 barrels from the average May production of 83,757.

The nine refineries in the State processed 70,945 barrels of crude oil daily for the month of June, 1961, an increase of 12,179 barrels from the 58,766 barrels processed daily during the month of May, 1961.

During June, 39 wells were completed, 14 oil, 3 gas wells and 22 dry holes.

During June, the commission issued 56 permits to drill new wells, an increase of 14 from the 42 permits issued during May.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF JUNE, 1961

IN STORAGE JUNE 1st:	
By Producers	388,770
By Transporters	854,055
By Refiners	644,570
TOTAL STORAGE	1,887,395
Produced in Montana During Month	2,481,788
Imported During Month	1,330,007
TOTALS	5,699,190
DISPOSITION:	
Refined in Montana	2,128,351
Exported	1,601,109
Used for Fuel or Lost	3,330
TOTAL	3,732,790
IN STORAGE JUNE 30th:	
By Producers	377,539
By Transporters	887,739
By Refiners	701,122
TOTAL STORAGE	1,966,400

NATURAL GAS WITHDRAWALS IN MONTANA

Month of June, 1961

Field	M Cu. Ft.
Bears Den	19,535
Big Coulee	30,448
Bowdoin	42,889
Bowes	73,960
Box Elder	0
Cabin Creek	90,200
Cedar Creek	178,573
Clarks Fork	0
Cut Bank (including Reagan)	422,551
Devon	15,545
Dry Creek	73,292
Elk Basin	14,261
Flat Coulee	3,352
Golden Dome	269
Grandview	46,881
Hardin	3,326
Havre	1,126
Keith Block	0
Kevin Sunburst	103,747
Pine	67,353
Plevna	15,048
Utopia	0
Whitlash	99,192
Miscellaneous	73,164
TOTAL	1,374,712

Total Withdrawals for June, 1960 were 1,580,195 M Cu. Ft.

PRODUCER'S REPORT
MONTH OF JUNE, 1961

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
4	Ash Creek	4	1,051	2,346	----	2,695	----	702
5	Bannatyne	13	1,699	1,763	----	2,387	----	1,075
1	Belfry	1	368	1,380	----	1,550	----	198
7	Big Wall	25	4,188	29,186	25,190	4,012	46	4,126
11	Blackfoot	15	3,140	8,361	7,676	----	92	3,733
4	Border	4	----	1,361	----	1,235	----	126
1	Bowes	73	6,023	21,403	23,013	----	----	4,413
2	Bredette, North	2	1,277	790	1,192	----	----	875
2	Brorson	2	2,771	1,660	1,556	----	----	2,875
2	Cabin Creek	104	8,712	344,329	345,855	----	----	7,186
22	Cat Creek	93	4,988	20,336	17,476	2,218	----	5,630
----	Clark's Fork	----	183	----	----	----	----	183
1	Clark's Fork, North	2	2,197	1,400	----	1,400	----	2,197
1	Cupton	2	368	1,012	474	----	----	906
369	Cut Bank	1,084	135,569	163,789	175,383	----	426	123,549
3	Deer Creek	6	1,665	15,765	15,899	----	----	1,531
2	Delphia	2	1,039	954	693	385	----	915
----	Devil's Basin	----	889	----	----	----	----	889
4	Dry Creek	4	1,334	1,931	2,398	----	----	867
8	Dwyer	8	5,635	36,837	----	34,202	223	8,047
7	Elk Basin	52	3,421	194,575	194,840	----	705	2,451
----	Fertile Prairie	----	517	----	----	----	----	517
2	Frannie	2	327	2,154	2,170	----	----	311
2	Gage	2	656	707	494	----	----	869
4	Gas City	10	6,216	32,013	33,908	----	----	4,321
6	Glendive	11	3,974	55,983	55,717	----	----	4,240
4	Gypsy Basin	4	1,582	389	732	----	----	1,239
2	Hibbard	2	853	4,237	----	3,871	----	1,219
10	Ivanhoe	18	8,234	40,238	37,024	3,462	17	7,969
4	Keg Coulee	9	3,050	57,359	56,226	1,248	----	2,935
197	Kevin-Sunburst	1,142	17,944	63,405	65,374	----	4	15,971
1	Little Beaver	21	3,378	36,840	37,744	----	----	2,474
4	Little Beaver, East	11	3,010	21,308	20,395	----	----	3,923
----	Mackay Dome	----	770	----	----	----	----	770
3	Melstone	7	1,622	4,100	4,208	----	----	1,514
5	Monarch	13	4,366	34,055	34,346	----	----	4,075
----	Mosser	----	334	----	----	23	----	311
7	Outlook	11	8,420	46,404	45,684	----	----	9,140
3	Outlook, South	3	,2394	3,624	2,650	----	----	3,368
15	Pennel	26	8,694	66,451	64,539	----	----	10,606
5	Pine	148	13,145	438,694	436,433	----	----	15,406
72	Pondera	284	9,386	38,585	38,871	----	----	9,100
7	Poplar, East	91	20,094	158,233	145,056	----	100	33,171
3	Poplar, Northwest	4	1,313	1,885	1,933	----	----	1,265
4	Ragged Point	9	2,581	8,694	8,236	----	----	3,039
4	Reagan	28	2,426	11,309	11,176	----	----	2,559
8	Red Creek	18	3,638	26,717	5,279	21,899	----	3,177
1	Redstone	1	550	1,014	1,214	----	----	350
1	Repeat	1	270	1,225	906	----	----	589
8	Richey	12	5,242	11,234	11,118	----	----	5,358
2	Richey, Southwest	2	2,411	4,790	5,891	----	----	1,310
4	Sand Creek	5	3,881	16,049	15,078	----	----	4,852
2	Sidney	2	1,665	2,941	2,427	----	187	1,992
2	Snyder	4	1,035	1,547	----	1,891	----	691
4	Soap Creek	8	2,768	6,142	----	5,910	----	3,000
9	Stensvad	24	9,207	123,902	121,478	2,678	----	8,953
27	Sumatra	87	19,827	200,815	204,850	----	384	15,408
6	Sweetgrass Hills	6	1,772	1,795	1,914	----	----	1,653
5	Tule Creek	6	4,142	39,870	39,814	----	----	4,198
12	Whitlash	31	10,824	7,429	779	12,365	----	5,109
10	Wills Creek	16	3,915	34,050	33,890	----	----	4,075
10	Wolf Springs	19	5,021	24,709	26,353	----	----	3,377
2	Woodrow	2	799	1,714	1,852	----	----	661
933		3,596	388,770	2,481,788	2,387,404	103,431	2,184	377,539

Total Oil Produced and Shipped from Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1960	30,239,915	82,849	30,213,359	82,776
First Quarter, 1961	7,439,465	82,660	7,441,654	82,685
April, 1961	2,465,480	82,182	2,424,670	80,822
May, 1961	2,596,469	83,757	2,593,391	83,657
June, 1961	2,481,788	82,726	2,490,835	83,027

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1960	359,360	669,036	652,546	1,680,942
March, 1961	348,087	721,005	636,988	1,706,080
April, 1961	387,370	752,160	539,457	1,678,987
May, 1961	388,770	854,055	644,570	1,887,395
June, 1961	377,539	887,739	701,122	1,966,400

*Includes Wyoming Oil

TRANSPORTERS REPORT
MONTH OF JUNE, 1961

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,695				2,695		
BANNATYNE—Truck			2,387			2,387			
BELFRY—Truck			1,550				1,550		
BIG WALL—Glacier Pipe Line Co.		25,190					25,190		
Truck			4,012			4,012			
		25,190	4,012			4,012	25,190		
BLACKFOOT—Union Oil Co.		7,676				7,676			
BORDER—Truck			1,235			1,235			
BOWES—									
Trigood Oil Co.	3,087					3,087			
Texaco, Inc.		23,013				23,013			
	3,087	23,013				26,100			
BRORSON—Sun Oil Co.		1,556					1,556		
CABIN CREEK & OTHERS*—									
Butte Pipe Line Co.	326,560	952,486		450,289			1,409,064		320,271
Shell Pipe Line Corp.	5,647	158,934			(295)			162,713	2,163
	332,207	1,111,420		450,289	(295)		1,409,064	162,713	322,434
CAT CREEK—									
Glacier Pipe Line Co.		17,476					17,476		
Truck			2,218			2,218			
		17,476	2,218			2,218	17,476		
CLARK'S FORK—Truck			1,400				1,400		
CUT BANK—									
Big West Oil Co.				15,801		15,807			
Darling Gathering System, Inc.	6,952	8,878						7,106	8,724
Phillips Petroleum Co.	104,422	53,663		30,149	1,071	51,593		30,149	105,421
Texas Pipe Line Co.	45,558	29,856		5,368	757			21,618	58,407
Toronto Pipe Line Co.	57,127	43,126			24			43,424	56,805
Union Oil Co.	84,143	50,237		43,872	48	88,128			90,076
	298,202	185,760		95,190	1,900	155,522		102,297	319,433
DELPHIA—Glacier Pipe Line Co.		693					693		
Truck			385			385			
		693	385			385	693		
DRY CREEK—									
Marathon Pipe Line Co.	5,820	2,398			(95)				8,313
DWYER—Truck			34,202				34,202		
ELK BASIN—Ohio Oil Co.		194,840					194,840		
FRANNIE—Ohio Oil Co.		2,170					2,170		
GAGE—Glacier Pipe Line Co.		488					488		
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
The Texas Pipe Line	15,592	88,803			(1,058)	5,959	38,726	53,102	7,666
HIBBARD—Truck			3,871				3,871		
IVANHOE—Glacier Pipe Line Co.		37,024					37,024		
Truck			3,462			3,462			
		37,024	3,462			3,462	37,024		
KEG COULEE—Glacier Pipe Line Co.		56,226				56,226			
Truck			1,248			1,248			
		56,226	1,248			57,474			
KEVIN-SUNBURST—									
Big West Oil & Gas Co.	2,864	41,887				42,663			2,088
Homestake Oil & Gas Co.	4,338	2,927		7,106		9,955			4,416
The Texas Pipe Line Co.	5,696	32,037			500	31,537			5,696
	12,898	76,851		7,106	500	84,155			12,200
MELSTONE—Glacier Pipe Line Co.		4,208					4,208		
MOSSER—Truck			23				23		
PONDERA—Phillips Petr. Co.	62,002	42,067			(723)	35,362			69,430
POPLAR, BREDETTE, OUTLOOK, SOUTH OUTLOOK, REDSTONE, RICHEY & TULE CREEK									
East Poplar Gathering System	11,632	258,717			649			234,473†	35,227
RAGGED POINT—Truck		8,236					8,236		
REAGAN—Union Oil Co.		11,176				11,176			
RED CREEK—									
Union Oil Co.		5,279				5,279			
Truck			21,899				21,899		
		5,279	21,899			5,279	21,899		
SIDNEY—Sun Oil Co.		2,427					2,427		
SNYDER—Truck			1,891				1,891		
SOAP CREEK—Truck			5,910				5,910		
SUMATRA AND STENSVAD—									
Crude Oil Pipe Line Co.	20,662	26,310			(232)	26,192			21,012
Glacier Pipe Line Co.	79,921	300,018			(628)	301,153			79,414
Truck			2,678			2,678			
	100,583	326,328	2,678		(860)	330,023			100,426
SWEETGRASS HILLS—Truck			1,914			1,914			
WHITLASH—									
Big West Oil Co.		12,370				12,370			
Homestake Natural Gas Co.		774			(5)	779			
Western Natural Gas Co.	188				188				
	188	13,144			183	13,149			
WOLF SPRINGS—									
Crude Oil Pipeline, Inc.	11,844	26,345			85	25,494			12,610
TOTALS	854,055	2,529,511	92,980	552,585	286	772,982	1,815,539	552,585	887,739

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey and Wills Creek Fields. †Transferred to Butte Pipe Line Co.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF JUNE, 1961

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Texaco Inc.	Union Oil Co.	Total
Big Wall						7,178				7,178
Blackfoot									9,077	9,077
Bowes			20,835							20,835
Cat Creek		18,250				2,720				20,970
Cut Bank	15,806						50,050		85,057	150,913
Dry Creek				2,148						2,148
Elk Basin		44,250			96,491					140,741
Kevin-Sunburst	66,662									66,662
Pondera							36,621			36,621
Reagan									219	219
Red Creek									5,279	5,279
Sumatra		543		148,076	164,027					312,646
Whitlash									778	778
Wolf Springs					24,277					24,277
Total Montana Oil	82,468	63,043	20,835	150,224	284,795	9,898	86,671		100,410	798,344
Canadian Oil Imported			3,245						425	3,670
Wyoming Oil Imported		372,558		390,402	563,377					1,326,337
TOTAL Mont., Canadian & Wyoming Oil	82,468	435,601	24,080	540,626	848,172	9,898	86,671		100,835	2,128,351

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	TOTAL
Year, 1960	28,852	56	39,406	68,314
June, 1960	30,920	117	31,745	62,782
June, 1961	26,611	123	44,211	70,945

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
42.23%	.09%	57.68%
49.25%	.19%	50.56%
37.50%	.19%	62.31%